

## Calendar

### Wed., February 7

**3:30 p.m.** DIRECTOR'S  
COFFEE BREAK - 2nd Flr X-  
Over

**4:00 p.m.** Fermilab Colloquium  
- 1 West

Speaker: T. Baltz, Stanford  
Linear Accelerator Center  
Title: Solving the Dark Matter  
Problem

THERE WILL BE NO  
FERMILAB ILC R&D  
MEETING THIS WEEK

### Thurs., February 8

**11:00 p.m.** Academic Lecture  
Series - 1 West

Speaker: M. Herndon, Johns  
Hopkins University  
Title: Course 3 – B Physics at  
Hadron Colliders

**2:30 p.m.** Theoretical Physics  
Seminar - Curia II

Speaker: I. Low, University of  
California, Irvine  
Title: Probing New Physics  
with the Higgs Boson at the  
LHC

**3:30 p.m.** DIRECTOR'S  
COFFEE BREAK - 2nd Flr X-  
Over

**4:00 p.m.** Accelerator Physics  
and Technology Seminar - 1  
West

Speaker: J.-P. Carneiro,  
Fermilab  
Title: Overview of the High  
Intensity Neutrino Source

THERE WILL BE NO ALCPG  
ILC PHYSICS AND  
DETECTOR SEMINAR THIS  
WEEK

[Click here](#) for NALCAL,  
a weekly calendar with links  
to additional information.

## Weather

## Feature

### SciBooNE coming together: 6,000 words in pictures

When each of SciBooNE's detector components squeeze into their 23-by-16-foot underground home this spring, it'll be like a three-dimensional game of Tetris, according to project director Rick Tesarek. In the meantime, across the site, all the bits and pieces are coming together. Each of the six pictures below is worth at least 1,000 words.



Back in September 2006, Kendall Mahn and Zelimir Djurcic of Columbia University tested photo tubes at Lab 6.



Working in the CDF assembly hall in November, Chris Richardson and John Cornele (both from Fermilab) installed the horizontal portion of the

## From the Computing Division

### CD moves forward



This column is written by Vicky White, head of the Computing Division.

The Computing Division has completed the reorganization that we began in December. The new structure of the division will help us meet the future challenges of the lab and the computing world.

Patricia McBride is now my deputy. She is going to be busy because she will also oversee the Scientific Program area of our division. This area directly supports Run II, CMS, neutrino experiments and astrophysics projects. Patty also serves as deputy computing coordinator for the CMS experiment and will spend time at CERN because of that.

Steve Wolbers takes over the CD ILC liaison role from Patty. Steve leads the area of our division that focuses on "ILC and Future Programs."

Bob Tschirhart, who served so ably as my deputy, now moves to a lab-wide coordination role for ILC physics and detectors. He will work closely with Steve on coordinating ILC detector activities within our division.

Mark Kaletka leads the area of "Lab and Scientific Core Services" with a focus on working more closely with all of the divisions and sections at the lab to improve our core computing, network and security infrastructure.

Don Petravick leads the area of "Scientific Facilities" with the goal of further strengthening the interoperability of all of our major computational and storage services for



## Occasional Flurries

3°/-5°

### [Extended Forecast](#)

### [Weather at Fermilab](#)

### [Current Security Status](#)

### [Secon Level 3](#)

### [Wilson Hall Cafe](#)

### Wednesday, February 7

- Creamy Mushroom Chicken Soup
- Cajun Chicken Ranch
- Chicken Wellington
- Italian Sausage with Peppers
- Smoked Turkey Panini Pesto Mayo
- Assorted Slice Pizza
- Chicken Alfredo Fettuccine

### [Wilson Hall Cafe Menu](#)

### [Chez Leon](#)

### Wednesday, February 7 Lunch

Trout with Saffron Butter Sauce  
Winter Vegetable Medley  
Plum and Marzipan Tart

### Thursday, February 8 Dinner

Green Bean, Feta and Walnut Salad  
Spanish Bouillabaisse  
Cappuccino Soufflé

### [Chez Leon Menu](#)

Call x4598 to make your reservation.

### [Archives](#)

### [Fermilab Today](#)

### [Result of the Week](#)

### [Safety Tip of the Week](#)

### [ILC NewsLine](#)

### [Info](#)

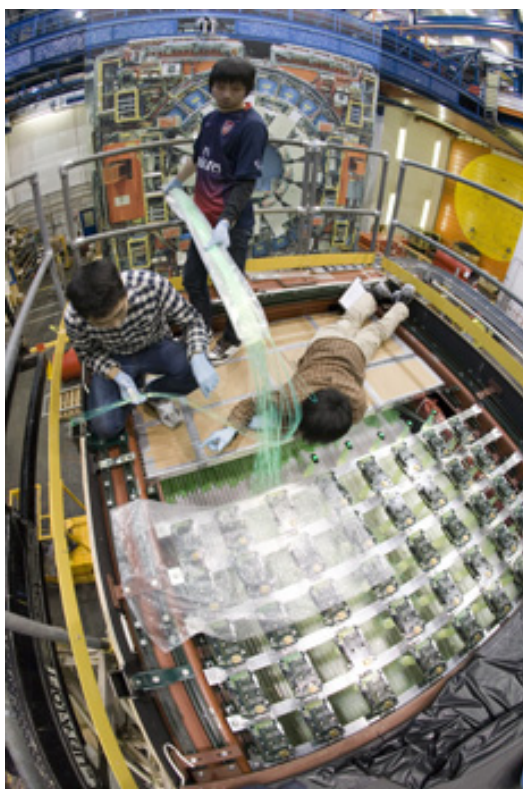
electron catcher. Lucio Ludovici can be seen in the background as Camillo Mariani guides the module from above; both are from the University of Rome.



Rob Napora, from Purdue University Calumet, checks photo tubes attached to counters after they are assembled at Lab 6.



In December, the group signed the final plane just before it was tucked inside the SciBar detector. From left: John Cornele, Hideyuki Takei (Tokyo Institute of Technology), Hidekazu Tanaka, Katsuki Hiraide, Yoshinori Kurimoto and Yasuhiro Nakajima (all from Kyoto University).



The team finished installing 15,000 optical fibers

CMS, Run II and neutrino experiments, lattice QCD, astrophysics, accelerator modeling as well as legacy experiments. This area of our division will ensure that our wide-area networking and Grid presence is top notch.

Bill Boroski has joined us to take charge of project management and quality assurance - an area where we see a need for more help in the future.

In our new [organizational chart](#) you'll find several new departments and new department heads. Please do talk to them about your needs and expectations. I know they are all very positive about this reorganization and regard it as an opportunity for us to better serve the lab, to better communicate and to move forward together on the road ahead.

### [In Memoriam](#)

## George J. Wojcik



George Wojcik, a member of the Alignment & Metrology Group at Fermilab, passed away on February 5, 2007. He was 63 years old.

For more than 22 years, Wojcik served both Fermilab and the SSC as an Engineering Physicist. Classically educated as a photogrammetrist, he quickly became an expert in precision alignment for high-energy physics, and managed many of Fermilab's beamline survey networks.

Friends and colleagues are invited to attend a visitation on February 11 at 4:00 p.m., followed by services at 6:00 p.m. at Daleiden Mortuary, 220 N. Lake Street, Aurora.

### [Announcements](#)



Fermilab Today is online at:  
[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and  
 suggestions to:  
[today@fnal.gov](mailto:today@fnal.gov)

(by hand) into SciBar last week at the CDF assembly hall. "This is almost the final stage," said SciBar detector manager Hidekazu Tanaka. From left: Noriaki Kobayashi (Tokyo Institute of Technology), Hiroyuki Kawamukou (Tokyo University) and Sinichi Gomi (Kyoto University).



All the pieces will fit inside this tiny shaft, just downstream of the MiniBooNE horn.

To brush-up on what the pieces shown above will actually do, check out this recent *Fermilab Today* [article](#). Watch a time-lapse video of the assembly [here](#).

--Siri Steiner

#### In the News

### From *BBC News*, February 4, 2007:

#### Satellite prepares to go super-cold

George Smoot wants to know the answers to some big questions.

"I want to know how the Universe came into being, how it developed and what its future might be," he says.

The US Nobel Laureate has spent a large part of his career investigating the Cosmic Microwave Background (CMB) - the "first light" released after the Big Bang.

Scientists like Professor Smoot study this remnant radiation from the birth of the Universe in the hope of answering some of these questions.

[Read More](#)

#### Prairie special on television

Today, February 7 and tomorrow, February 8, Batavia public access television will air a special about Fermilab's prairie restoration efforts titled, "Part and Parcel of Nature: Illinois tall grass prairie at Fermilab." For showtimes, visit the BATV-17 [website](#).

#### Muscle toning classes

Muscle Toning classes will be held on Tuesday and Thursday evenings in the exercise room of the Recreation Facility. Classes run from 5:30 p.m. to 6:30 p.m. in two, four-week sessions: February 13 to March 8, and March 15 to April 19. Each four-week session costs \$32.00. Registration and payment must be made through the Recreation Office no later than the Friday prior to the start of each session. You must be a current Recreation Facility member to participate.

#### Ballroom Dancing

The Recreation Office is planning a private group class for ballroom dancing at the DuPage Dance Center in Naperville. The price will be \$7-\$10 per class, depending on the class size. If you are interested in participating, please contact Jean Guyer, X2548, or Kathy Phelan, X5427. Let them know how many people you would like to register and what day(s) of the week would work out best for you. Deadline to contact the Recreation Office is Friday, February 23.

#### [Upcoming Activities](#)